

# Contents

<b>1</b>	<b>Introduction</b>	<b>5</b>
1.1	Related work.	7
<b>2</b>	<b>Recognition with Decision-Measurement Trees</b>	<b>7</b>
2.1	Learning of the tree	8
2.2	Estimation of geometric misalignment	8
2.3	Considering the estimated geometric uncertainty	10
2.4	Modelling photometric noise	11
<b>3</b>	<b>Experiments</b>	<b>12</b>
3.1	COIL-100.	13
3.2	ZuBuD dataset	14
<b>4</b>	<b>Conclusions</b>	<b>14</b>
<b>5</b>	<b>Dr. Ing. Jiří Matas</b>	<b>17</b>